

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
SUMMIT ENERGY COMPANY, LLC - EUGENE ISLAND BLOCK 7 FACILITY
PROPOSED SYNTHETIC MINOR AIR OPERATING PERMIT

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed synthetic minor air operating permit for Summit Energy Company, LLC, at P.O. Box 52118, Lafayette, LA 70505 for the Eugene Island Block 7 Facility. **The facility is located 41 miles southeast of New Iberia in Iberia Parish, surrounding water bottoms of the Gulf of Mexico.**

Summit Energy Company, LLC requested a permit for the Eugene Island Block 7 Facility, an oil and gas production facility. Production from the wells is routed to separate high pressure separators. Gas from the separators is compressed and then discharged to a glycol contact tower for drying prior to being sent to a sales pipeline and used as facility fuel. Vapors from the glycol still column are piped through a condenser where condensed liquids are collected in a sump tank and effluent vapors are vented to the atmosphere through the vent stack. The glycol dehydration unit is equipped with a glycol pump flash separator where off-gas is routed to the glycol burner for fuel with relief vents to the atmosphere by way of the vent stack.

Oil and water from the high pressure separators are routed to a bulk low-pressure separator. Oil from this separator is routed to an on-site barge compartment for storage until sold by pipeline. Water from the low-pressure separator is routed to a gun barrel tank and then to on-site barge compartments for storage until piped off-site via an electric pump. Various gas operated pumps and insignificant storage tanks, two generators, and a diesel-fired crane engine are also located at the facility.

The generators will be operated in an alternating method in which the combined runtime will not exceed 10,000 hr/yr. Therefore, a CAP is placed on the emissions to represent the limited operating hours.

Pollutant	Tons per Year
PM ₁₀	0.33
SO ₂	0.07
NO _x	90.08
CO	84.48
VOC ¹	33.44

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Wednesday, March 12, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application and proposed synthetic minor air operating permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

An additional copy may be reviewed at Iberia Parish Library-Lydia Branch, 4800 Freyou Road, New Iberia, LA.

Inquiries or requests for additional information regarding this permit action should be directed to Katie Troxler, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3055.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm

All correspondence should specify AI Number 84127, Permit Number 1260-00124-02, and Activity Number PER20070001.

Publication date: February 8, 2008

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20070001
Agency Interest No.: 84127

Ms. Mindy Stuart
Asset Manager
Summit Energy Company
P.O. Box 52118
Lafayette, LA 70505

RE: Permit, Eugene Island Block 7 Facility, Summit Energy Company
New Iberia, Iberia Parish, Louisiana

Dear Ms. Stuart:

This is to inform you that the permit request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 1260-00124-02

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:kmt

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Eugene Island Block 7 Facility
Agency Interest No.: 84127
Summit Energy Company, LLC
New Iberia, Iberia Parish, Louisiana**

I. BACKGROUND

Summit Energy Company, Eugene Island Block 7 Facility, is an oil and gas production facility, as the facility previously had a permit under a different company and has been terminated. The Eugene Island Block 7 Facility will operate under Permit No. 1260-00124-02.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated June 4, 2007 were received requesting a permit.

III. DESCRIPTION

The Eugene Island Block 7 Facility performs operations of an oil and gas production facility that is used to treat and handle production from well completions. Production from the wells is routed to separate high pressure separators. Gas from the separators is compressed and then discharged to a glycol contact tower for drying prior to being sent to a sales pipeline and used as facility fuel. Vapors from the glycol still column are piped through a condenser where condensed liquids are collected in a sump tank and effluent vapors are vented to the atmosphere through the vent stack. The glycol dehydration unit is equipped with a glycol pump flash separator where off-gas is routed to the glycol burner for fuel with relief vents to the atmosphere by way of the vent stack.

Oil and water from the high pressure separators are routed to a bulk low-pressure separator. Oil from this separator is routed to an on-site barge compartment for storage until sold by pipeline. Water from the low-pressure separator is routed to a gun barrel tank and then to on-site barge compartments for storage until piped off-site via an electric pump. Various gas operated pumps and insignificant storage tanks, two generators, and a diesel-fired crane engine are also located at the facility.

The generators will be operated in an alternating method in which the combined runtime will not exceed 10,000 hr/yr. Therefore, a CAP is placed on the emissions to represent the limited operating hours.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Eugene Island Block 7 Facility
Agency Interest No.: 84127
Summit Energy Company, LLC
New Iberia, Iberia Parish, Louisiana**

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Tons per Year
PM ₁₀	0.33
SO ₂	0.07
NO _x	90.08
CO	84.48
VOC ¹	33.44

¹VOC speciation in tons per year:

LAC 33:III. Chapter 51 Toxic Air Pollutants TAP's	Emissions in Tons per year
2,2,4-Trimethylpentane	0.23
Benzene	0.39
Ethyl benzene	0.09
Formaldehyde	0.75
Methanol	0.04
n-Hexane	1.35
Toluene	0.47
Xylene	0.05
Total TAP's	3.37
Other VOC's	30.07
Total VOC	33.44

IV. TYPE OF REVIEW

This permit was reviewed for compliance with Louisiana Air Quality Regulations. National Emission Standards for Hazardous Air Pollutants (NESHAP) does apply [40 CFR 63 Subpart HH]. New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) do not apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs).

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Eugene Island Block 7 Facility
Agency Interest No.: 84127
Summit Energy Company, LLC
New Iberia, Iberia Parish, Louisiana**

V. PUBLIC NOTICE

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <Date>; and in <Newspaper> on <Date>. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <Date>. All documents will be considered prior to issuance of the permit.

VI. EFFECTS ON AMBIENT AIR

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Ambient Air Quality Standard (NAAQS)

VII. GENERAL CONDITION XVII ACTIVITIES

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC

VIII. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
21-07-CST	5 - 200 gallon Chemical Storage Tanks	LAC 33:III.501.B.5.A.2
22-07-LOT	55 gallon Lube Oil Tank	LAC 33:III.501.B.5.A.2
23-07-LOT	500 gallon Lube Oil Tank	LAC 33:III.501.B.5.A.3
24-07-GST	500 gallon Glycol Storage Tank	LAC 33:III.501.B.5.A.3
25-07-ST	2000 gallon Sump Tank	LAC 33:III.501.B.5.A.3

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated June 4, 2007.

- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 84127 Eugene Island Block 7 Facility
Activity Number: PER20070001
Permit Number: 1260-00124-02
Air - Minor (Synthetic) Initial

Also Known As:	Name	User Group	Start Date
1260-00124	Eugene Island Block 7 Facility	CDS Number	03-15-2000
LA0123196	LPDES Permit #	LPDES Permit #	09-09-2007
	Devon Louisiana Corp	Multimedia	04-25-2003

Physical Location: 41 MI SE of New Iberia, LA 70000
Main FAX: 3372694214
Main Phone: 3372694217

Mailing Address: PO Box 52118 Lafayette, LA 705052118

Location of Front Gate: 29° 24' 49" 0 hundredths latitude, 91° 45' 41" 30 hundredths longitude, Coordinate Method: GPS-Unspecified, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Mindy Stuart	PO Box 52118 Lafayette, LA 705052118	3372348882 (WF)	Responsible Official for
Mindy Stuart	PO Box 52118 Lafayette, LA 705052118	3372348811 (WP)	Responsible Official for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348882 (WF)	Owns
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348811 (WP)	Owns
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348882 (WF)	Operates
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348811 (WP)	Operates
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348882 (WF)	Air Billing Party for
Summit Energy Co LLC	1405 W Pinhook Rd Ste 103 Lafayette, LA 70503	3372348811 (WP)	Air Billing Party for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 84127 - Eugene Island Block 7 Facility
 Activity Number: PER20070001
 Permit Number: 1260-00124-02
 Air - Minor (Synthetic) Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Generators (Alternating Operating Time)						
EQT0020	5-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)		208 horsepower	208 horsepower		(None Specified)
EQT0021	6-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)		208 horsepower	208 horsepower		(None Specified)
Eugene Island Block 7 Facility						
EQT0016	1-07-GR-BS - Glycol Regenerator-Burner Stack		.5 MM BTU/hr	.5 MM BTU/hr		8760 hr/yr (All Year)
EQT0017	2-07-GR-SCC - Glycol Regenerator-Still Column Condenser		1.5 MM ft ³ /day	1.5 MM ft ³ /day		8760 hr/yr (All Year)
EQT0018	3-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)		145 horsepower	145 horsepower		8760 hr/yr (All Year)
EQT0019	4-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)		145 horsepower	145 horsepower		8760 hr/yr (All Year)
EQT0022	7-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Detroit Diesel 371-N; Diesel-fired Crane)		109 horsepower	109 horsepower		400 hr/yr (All Year)
EQT0023	8a-07-OSBC-CV - Oil Storage Barge Compartment-Common Vent	4000 bbl	7300 bb/yr	7300 bb/yr		8760 hr/yr (All Year)
EQT0024	8b-07-GBT-CV - Gun Barrel Tank-Common Vent	400 bbl	73000 bb/yr	73000 bb/yr	water	8760 hr/yr (All Year)
EQT0025	8c-07-WSBC-CV - Water Storage Barge Compartment-Common Vent	1500 bbl	36500 bb/yr	36500 bb/yr		8760 hr/yr (All Year)
EQT0026	8d-07-WSBC-CV - Water Storage Barge Compartment-Common Vent	1500 bbl	36500 bb/yr	36500 bb/yr		8760 hr/yr (All Year)
EQT0027	8e-07-SBC-CV - Storage Barge Compartment-Common Vent	37800 gallons				8760 hr/yr (All Year)
EQT0028	9-07-VS - Vent Stack		.25 MM scf/yr	.25 MM scf/yr		8760 hr/yr (All Year)
EQT0029	10-07-GPFS-RV - Glycol Pump Flash Separator-Relief Valve		.22 MM scf/yr	.22 MM scf/yr		8760 hr/yr (All Year)
EQT0030	11-07-GOP - Gas Operated Pump (Chemical Injection)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0031	12-07-GOP - Gas Operated Pump (Chemical Injection)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0032	13-07-GOP - Gas Operated Pump (Chemical Injection)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0033	14-07-GOP - Gas Operated Pump (Chemical Injection)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0034	15-07-GOP - Gas Operated Pump (Chemical Injection)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0035	16-07-GOP - Gas Operated Pump (Wilden T-1)		.12 MM scf/yr	.12 MM scf/yr		100 hr/yr (All Year)
EQT0036	17-07-GOP - Gas Operated Pump (Aro 2)		1.1 MM scf/yr	1.1 MM scf/yr		100 hr/yr (All Year)
EQT0037	18-07-GOP - Gas Operated Pump (Aro 66605J-344)		.15 MM scf/yr	.15 MM scf/yr		8760 hr/yr (All Year)
EQT0038	19-07-PC - Pneumatic Controllers					8760 hr/yr (All Year)
FUG0002	20-07-FE - Fugitive Emissions					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Generators (Alternating Operating Time)							
EQT0020	5-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)	55	936	.6		40	1000
EQT0021	6-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)	55	936	.6		40	1000

INVENTORIES

AI ID: 84127 - Eugene Island Block 7 Facility
Activity Number: PER20070001
Permit Number: 1260-00124-02
Air - Minor (Synthetic) Initial

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Eugene Island Block 7 Facility							
EQT0016	1-07-GR-BS - Glycol Regenerator-Burner Stack	13	220	.6		40	500
EQT0018	3-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)	60	711	.5		40	1035
EQT0019	4-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)	60	711	.5		40	1035
EQT0022	7-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Detroit Diesel 371-N, Diesel-fired Crane)	56	654	.5		40	700
EQT0023	8a-07-OSBC-CV - Oil Storage Barge Compartment-Common Vent	.08	.9	.5		50	70
EQT0024	8b-07-GBT-CV - Gun Barrel Tank-Common Vent	.01	.1	.5		50	70
EQT0025	8c-07-WSBC-CV - Water Storage Barge Compartment-Common Vent			.5		50	70
EQT0026	8d-07-WSBC-CV - Water Storage Barge Compartment-Common Vent			.5		50	70
EQT0027	8e-07-SBC-CV - Storage Barge Compartment-Common Vent			.5		50	70
EQT0028	9-07-VS - Vent Stack	.04	.5	.5		50	70
EQT0029	10-07-GPFS-RV - Glycol Pump Flash Separator-Relief Valve						
EQT0030	11-07-GOP - Gas Operated Pump (Chemical Injection)	16	.3	.02		20	70
EQT0031	12-07-GOP - Gas Operated Pump (Chemical Injection)	16	.3	.02		20	70
EQT0032	13-07-GOP - Gas Operated Pump (Chemical Injection)	16	.3	.02		20	70
EQT0033	14-07-GOP - Gas Operated Pump (Chemical Injection)	16	.3	.02		20	70
EQT0034	15-07-GOP - Gas Operated Pump (Chemical Injection)	16	.3	.02		20	70
EQT0035	16-07-GOP - Gas Operated Pump (Wilden T-1)	452	20	.03		20	70
EQT0036	17-07-GOP - Gas Operated Pump (Aro 2)	1037	176	.06		20	70
EQT0037	18-07-GOP - Gas Operated Pump (Aro 66605J-344)	589	25	.03		20	70
EQT0038	19-07-PC - Pneumatic Controllers						70
FUG0002	20-07-FE - Fugitive Emissions						70

Relationships:

ID	Description	Relationship	ID	Description
EQT0017	2-07-GR-SCC - Glycol Regenerator-Still Column Condenser	Controlled by, 94.29%	EQT0028	9-07-VS - Vent Stack
EQT0029	10-07-GPFS-RV - Glycol Pump Flash Separator-Relief Valve	Vents to	EQT0028	9-07-VS - Vent Stack

Subject Item Groups:

ID	Group Type	Group Description
PCS0001	Process Group	CAP001 - Generators (Alternating Operating Time)
UNF0001	Unit or Facility Wide	Facility - Eugene Island Block 7 Facility

Group Membership:

INVENTORIES

AI ID: 84127 - Eugene Island Block 7 Facility
 Activity Number: PER2007D001
 Permit Number: 1260-00124-02
 Air - Minor (Synthetic) Initial

Group Membership:

ID	Description	Member of Groups
EOT0020	5-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)	PCS000000000001
EOT0021	6-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha F1197G; Generator)	PCS000000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Crude Oil and Natural Gas Production (Less than 100 T/Yr Source)	Air Contaminant Source	Multiplier	Units Of Measure
0040			1	

SIC Codes:

1311	Crude petroleum and natural gas	A184127
1311	Crude petroleum and natural gas	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 84127 - Eugene Island Block 7 Facility

Activity Number: PER20070001

Permit Number: 1260-00124-02

Air - Minor (Synthetic) Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Generators (Alternating Operating Time)															
EQT 0020 5-07-ICEES		9.17			9.17			0.02			0.00			0.15	
EQT 0021 6-07-ICEES		9.17			9.17			0.02			0.00			0.15	
Eugene Island Block 7 Facility															
EQT 0016 1-07-GRBS	0.05	0.05	0.21	0.06	0.06	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
EQT 0018 3-07-ICEES	5.93	6.39	25.99	6.49	7.71	28.43	0.02	0.02	0.02	0.02	0.02	0.02	0.08	0.11	0.37
EQT 0019 4-07-ICEES	5.93	6.39	25.99	6.49	7.71	28.43	0.02	0.02	0.02	0.02	0.02	0.02	0.08	0.11	0.37
EQT 0022 7-07-ICEES	0.93	1.12	0.19	4.33	5.19	0.87	0.31	0.37	0.06	0.28	0.34	0.06	0.30	0.36	0.06
EQT 0023 8e-07-OSBC-CV													3.17	3.17	13.91
EQT 0024 8b-07-GBT-CV													0.30	0.30	1.30
EQT 0025 8c-07-WSBC-CV															0.00
EQT 0026 8d-07-WSBC-CV															0.00
EQT 0027 8e-07-SBC-CV															0.00
EQT 0028 9-07-VS													0.40	0.40	1.75
EQT 0030 11-07-GOP													0.11	0.11	0.46
EQT 0031 12-07-GOP													0.11	0.11	0.46
EQT 0032 13-07-GOP													0.11	0.11	0.46
EQT 0033 14-07-GOP													0.11	0.11	0.46
EQT 0034 15-07-GOP													0.11	0.11	0.46
EQT 0035 16-07-GOP													7.14	7.14	0.36
EQT 0036 17-07-GOP													62.79	62.79	3.12
EQT 0037 18-07-GOP													8.93	8.93	0.45
EQT 0038 19-07-PC													1.34	1.34	5.88
FUG 0002 20-07-FE													0.68	0.68	2.95

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 84127 - Eugene Island Block 7 Facility
 Activity Number: PER20070001
 Permit Number: 1260-00124-02
 Air - Minor (Synthetic) Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Eugene Island Block 7 Facility															
PCS 0001 CAP001	7.33		32.10	7.33		32.10	0.02		0.11	0.00		0.01	0.14		0.61

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

3. **APPLY**
 4. **APPLY**
 5. **APPLY**
 6. **APPLY**

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 84127 - Eugene Island Block 7 Facility

Activity Number: PER20070001

Permit Number: 1260-00124-02

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0018 3-07-ICE-ES	Benzene	0.01	0.01	0.03
	Formaldehyde	0.07	0.07	0.32
	Methanol	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
EQT 0019 4-07-ICE-ES	Benzene	0.01	0.01	0.03
	Formaldehyde	0.07	0.07	0.32
	Methanol	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
EQT 0020 5-07-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		0.00	
	Toluene		0.00	
EQT 0021 6-07-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		0.00	
	Toluene		0.00	
EQT 0023 8a-07-OSBC-CV	2,2,4-Trimethylpentane	0.00	0.00	0.02
	Benzene	0.01	0.01	0.04
	Toluene	0.00	0.00	0.01
	n-Hexane	0.08	0.08	0.37
EQT 0024 8b-07-GBT-CV	n-Hexane	0.03	0.03	0.11
EQT 0028 9-07-VS	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.01	0.01	0.05
	Ethyl benzene	0.02	0.02	0.09
	Toluene	0.05	0.05	0.23
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.08
EQT 0030 11-07-GOP	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0031 12-07-GOP	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 84127 - Eugene Island Block 7 Facility

Activity Number: PER20070001

Permit Number: 1260-00124-02

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0031 12-07-GOP	n-Hexane	0.01	0.01	0.03
EQT 0032 13-07-GOP	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0033 14-07-GOP	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0034 15-07-GOP	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
	n-Hexane	0.01	0.01	0.03
EQT 0035 16-07-GOP	2,2,4-Trimethylpentane	0.10	0.10	0.00
	Benzene	0.08	0.08	0.00
	Toluene	0.08	0.08	0.00
	Xylene (mixed isomers)	0.02	0.02	0.00
	n-Hexane	0.40	0.40	0.02
EQT 0036 17-07-GOP	2,2,4-Trimethylpentane	0.84	0.84	0.04
	Benzene	0.71	0.71	0.04
	Ethyl benzene	0.04	0.04	0.00
	Toluene	0.72	0.72	0.04
	Xylene (mixed isomers)	0.21	0.21	0.01
	n-Hexane	3.49	3.49	0.17
EQT 0037 18-07-GOP	2,2,4-Trimethylpentane	0.12	0.12	0.01
	Benzene	0.10	0.10	0.01
	Ethyl benzene	0.01	0.01	0.00
	Toluene	0.10	0.10	0.01
	Xylene (mixed isomers)	0.03	0.03	0.00
	n-Hexane	0.50	0.50	0.03
EQT 0038 19-07-PC	2,2,4-Trimethylpentane	0.02	0.02	0.08
	Benzene	0.02	0.02	0.07
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.00	0.00	0.02

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 84127 - Eugene Island Block 7 Facility

Activity Number: PER20070001

Permit Number: 1260-00124-02

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0038 19-07-PC	n-Hexane	0.08	0.08	0.33
FUG 0002 20-07-FE	2,2,4-Trimethylpentane	0.00	0.00	0.02
	Benzene	0.00	0.00	0.02
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.09
PCS 0001 CAP001	Benzene	0.01		0.05
	Formaldehyde	0.02		0.11
	Methanol	0.00		0.02
	Toluene	0.00		0.02
UNF 0001 Facility	2,2,4-Trimethylpentane			0.23
	Benzene			0.39
	Ethyl benzene			0.09
	Formaldehyde			0.75
	Methanol			0.04
	Toluene			0.47
	Xylene (mixed isomers)			0.05
	n-Hexane			1.35

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 84127 - Eugene Island Block 7 Facility
 Activity Number: PER20070001
 Permit Number: 1260-00124-02
 Air - Minor (Synthetic) Initial

Group: PCS0001 Generators (Alternating Operating Time)

PCS0001 Generators (Alternating Operating Time)

Group Members: EQT0020 EQT0021

- 1 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C, LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: Six-minute average
- 2 [LAC 33:III.501.C.6] Operating time <= 10,000 hr/yr.
 Which Months: Phases: Statistical Basis: Annual total
- 3 [LAC 33:III.501.C.6] Operating time recordkeeping by electronic or hard copy annually. Keep records of the total hours of operation. Operating time recordkeeping by electronic or hard copy annually.

EQI0016 1-07-GR-BS - Glycol Regenerator-Burner Stack

- 4 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 5 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQI0017 2-07-GR-SCC - Glycol Regenerator-Still Column Condenser

- 6 [40 CFR 63.774(d)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(i)(i) or (d)(i)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]
- 7 [LAC 33:III.2116.B.2] VOC, Total >= 85 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
 Which Months: All Year Statistical Basis: None specified
- 8 [LAC 33:III.2116.D] Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
- 9 [LAC 33:III.2116.F.1] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

EQT0018 3-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)

- 10 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C, LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: Six-minute average

EQT0019 4-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)

SPECIFIC REQUIREMENTS

AI ID: 84127 - Eugene Island Block 7 Facility
 Activity Number: PER20070001
 Permit Number: 1260-00124-02
 Air - Minor (Synthetic) Initial

EQT0019 4-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Caterpillar G3306NA-HCR; Gas Compressor)

- 11 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C; LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: Six-minute average

EQT0022 7-07-ICE-ES - Internal Combustion Engine-Exhaust Stack (Detroit Diesel 371-N; Diesel-fired Crane)

- 12 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C; LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: Six-minute average

FUG0002 20-07-FE - Fugitive Emissions

- 13 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF0001 Eugene Island Block 7 Facility

- 14 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 2 of 40 CFR 63 Subpart HH.
- 15 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
 Outdoor burning of waste material or other combustible material is prohibited.
- 16 [LAC 33:III.1109.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 17 [LAC 33:III.1303.B] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 18 [LAC 33:III.2113.A] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 19 [LAC 33:III.219] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 20 [LAC 33:III.5611.A] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 21 [LAC 33:III.5611.B]